

Title (en)

MULTI-PIECE COMBINED LIFTING LOUVER BLADE

Title (de)

MEHRTEILIGE KOMBINIERTE HEBEJALOUSIE

Title (fr)

LAME DE PERSIENNE RELEVABLE COMBINÉE À PLUSIEURS PIÈCES

Publication

EP 2565358 B1 20150729 (EN)

Application

EP 11774420 A 20110429

Priority

- CN 201010162501 A 20100430
- CN 2011073552 W 20110429

Abstract (en)

[origin: EP2565358A1] The disclosed is a multi-slat combination blind of up-down-movement type which includes a main slat (1) and a lifting slat (2). The cross section of the lifting slat (2) in the width direction has the same shape as that of the main slat (1) in the width direction. The lifting slat (2) is attached on the upper or lower surface of the main slat (1). The lifting slat (2) can be driven to lift together with the main slat (1) and also to lift relative to the main slat (1) by a lifting mechanism. Various sun-shading and light-guiding blind systems formed by the multi-slat combination bind of up-down-movement type can achieve the optimization of controlling retro-reflection and guiding volume of direct sunlight according to season change and specific requirements of persons. High transparency is simultaneously kept whether solar elevation angle is high or low.

IPC 8 full level

E06B 9/386 (2006.01)

CPC (source: EP KR US)

E06B 7/086 (2013.01 - KR); **E06B 9/30** (2013.01 - EP US); **E06B 9/386** (2013.01 - EP US); **E06B 2009/2417** (2013.01 - EP US)

Citation (examination)

DE 19929138 A1 20000113 - KOESTER HELMUT [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2565358 A1 20130306; EP 2565358 A4 20130619; EP 2565358 B1 20150729; AU 2011247474 A1 20121213; AU 2011247474 B2 20150910; CA 2797439 A1 20111103; CN 101818616 A 20100901; CN 101818616 B 20130417; JP 2013525641 A 20130620; JP 5763748 B2 20150812; KR 101621818 B1 20160517; KR 20130027020 A 20130314; US 2013037224 A1 20130214; WO 2011134429 A1 20111103

DOCDB simple family (application)

EP 11774420 A 20110429; AU 2011247474 A 20110429; CA 2797439 A 20110429; CN 201010162501 A 20100430; CN 2011073552 W 20110429; JP 2013506481 A 20110429; KR 20127030978 A 20110429; US 201113695074 A 20110429